

**Talking Points for Joel Beauvais
ACWA Meeting March 2016**

1. Aquatic Life Criteria (In order of anticipated release dates)

We are updating a number of our aquatic life criteria to reflect the latest scientific information:

Cadmium

- We are updating the 2001 cadmium criteria to reflect substantial new toxicity data.
- We released draft updated cadmium aquatic life criteria for public comment on December 1, 2015.
- We are currently reviewing the public comments and revising the document and will publish the final updated cadmium criteria by March 31, 2016.

Ex. 5 - Deliberative Process

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Selenium

- We are updating out 1999 chronic aquatic life criterion for selenium to reflect the latest scientific information, which indicates that selenium toxicity to aquatic life is primarily driven by organisms eating selenium-contaminated food rather than by being directly exposed to selenium dissolved in water.
- The draft updated criterion has four parts, including two fish tissue-based and two water column-based elements.
- The first public comment period began in May 2014, and then the document underwent external peer review.
- We incorporated changes reflecting comments from the peer review panel, as well as the public, and released the draft criterion to solicit another round of scientific views from the public on July 27, 2015.
- The extended comment period closed on October 30, 2015.
- We are currently reviewing the public comments, revising the document, and plan to release the final criterion in June 2016.

Freshwater Copper Biotic Ligand Model (BLM)

- On February 16, 2016, we published a technical support document for the 2007 freshwater copper BLM to estimate model inputs to derive copper criteria when data are lacking.
- This document will also support BLMs for other metals in the future.
- The public comment period is now open. We plan to extend the comment period by about 30 days to mid-April.

- **Ex. 5 - Deliberative Process**

Aluminum

- EPA is updating the 1988 aluminum criteria to reflect the latest scientific information, including data on the effects of pH on aluminum toxicity.
- The updated aluminum criteria will be equation-based to reflect effect of water chemistry (pH and hardness) on toxicity
- The draft criteria is undergoing external peer review.

- **Ex. 5 - Deliberative Process**

Saltwater Copper

- We are developing draft aquatic life criteria for saltwater copper.
- The draft criteria will soon undergo external peer review.
- We expect to issue a draft in August 2016 for 60-day public comment.

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